

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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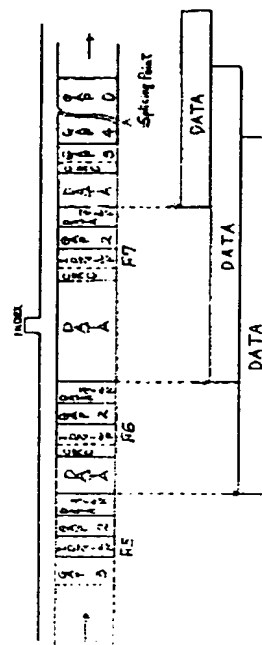
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INVENTOR : WATANABE TAKASHI;

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TITLE : SPECIFIC CONSTITUTION FOR DISK  
FORMAT AND ITS RECORDING  
METHOD



ABSTRACT : PURPOSE: To prevent the generation of an illegal copy by intentionally forming defective sectors cut off on the way in a track and inserting other sectors into the positions of the defective sectors as interruptions.

CONSTITUTION: The array constitution of a format signal is provided with defective sectors F5-F7 cut off on the way and shorter than length N. The sectors F5-F7 are inserted into normal sectors as interruptions, the sector F5 is hierarchically interrupted with the sector F6 and the F6 is also hierarchically interrupted with the sector F7. These sectors generates an apparent difference from the ordinary format, and even if the same format is obtained, a floppy disk controller can not recognize the sectors F6-F7. The total number of bits of the sectors F5-F7 are set up so as to exceed the recording limit on a track by controlling the total number of bits to disable copying.

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